INDIANA SRF SUSTAINABLE DESIGN INCENTIVE CHECKLIST
(50 Possible Total Points)

A. Energy Reduction/Alternative Source Items (13 Subtotal Points)

- ☐ 1. The design reduces the future carbon footprint (**5 points**)
- ☐ 2. Site planning for any new storage, pumping station or treatment plant provides that items such as heat sink shading, building orientation and green roofs are included in the design (**3 points**)
- ☐ 3. The design includes an energy reduction plan (from the Energy Audit) with at least a 20% reduction goal (**3 points**)
- ☐ 4. Project utilizes a SCADA system, which performs data collection and control at the supervisory level that is placed on top of a real-time control system (multiple Programmable Logic Controls (PLC's)) to reduce energy consumption and enhance process control (**1 point**)
- ☐ 5. Clean fuel construction vehicles are used for 50% of the construction work (**1 point**)

B. Wetland, Water Reuse and Reduction Items (15 Subtotal Points)

- ☐ 1. Project creates, restores or expands a wetland (**1-3 points**)
- ☐ 2. Storm water capture/rain harvesting utilization for water reuse on site to be implemented (**2 points** for a treatment plant and/or **3 points** for within collection system)
- ☐ 3. The project includes long-term clear water reduction components (**4 points**)
- ☐ 4. The treatment facility incorporates water conservation and side stream reduction (**3 points**)

C. Site and Material Reuse Items (17 Subtotal Points)

- ☐ 1. Previously disturbed areas are given a high priority for any new storage, pumping station or treatment plant site selection (**2 points**); use of a brownfield site (adds **2 points**)
- ☐ 2. The design takes into account the deconstruction of the new, above-ground facilities (**2 points**)
- ☐ 3. Offsite beneficial reuse of either the treated wastewater or biosolids (**2 points**); new treatment process that significantly reduces residuals disposal (**2 additional points**)
- ☐ 4. The project beneficially utilizes recycled materials in the construction (**2 points**)
- ☐ 5. The specifications include an incentive clause for construction waste reduction, cut/fill earth work balance (**2 points**)
- ☐ 6. Low-impact construction technology is utilized to minimize impacts to the existing surface (**3 points**)

D. Detailed life cycle costs (material, equipment, energy usage etc.) are fully utilized in the alternative selection process (5 points)

- ☐ Project selection is based on detailed life cycle cost analysis
- ☐ A life cycle cost analysis calculates the cost of a project over its entire life span and includes up-front capital costs (planning, design and construction), annual operation and maintenance costs, replacement costs, and salvage value as well as annual project revenues.

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50 Total Possible Points **Awarded Points** _____